



Instructional Technology Newsline

Department of Elementary and Secondary Education

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<http://www.dese.state.mo.us/divimprove/instrtech/newsletters>

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Legislators are returning to the Capitol this week to further discuss the budget – and bills that were vetoed by the Governor. As you know, the Department of Elementary and Secondary Education budget is one of these bills. Based on recent state revenue collections, however, it is unlikely that the General Assembly will substantially increase any of the budgets. If there should be any increase in the DESE bill, the additional funds likely would be put back into the formula.

As a result, school officials and technology directors will be working with fewer resources while still striving to meet high standards of excellence. Many of you will need to turn to technology to help solve problems, like offering I-TV or online courses rather than paying for a teacher. Our goal this coming year will be to help schools as best we can – by sharing ways that schools are finding additional resources, resources that help districts assess true costs of technology, and information that districts can use to make wise decisions. If you (or other schools that you know) have effective practices and/or innovative solutions, please let us know so that we may showcase your ideas in future issues.

My best to all of you this summer and the coming school year. -Deb

FY04 Technology Budgets and Grant Programs

Federal Funding:

Title IID -- While the USDOE has not yet awarded funds for FY04, every indication is that we will receive an amount equal to (or nearly equal to) what was received for FY03. Of the amount appropriated, 85 percent flows through to districts – 42.5 percent to districts via a formula based on census poverty data and 42.5 percent via competitive grants. Districts can apply for their formula grants via the Federal Consolidated Programs.

The competitive funds are earmarked to expand the eMINTS Program into new districts. As eMINTS is a two-year training program, FY04 funds will support the continuation of 40 FY03 districts and 32 new districts. Applications are tentatively approved for July 1, contingent upon Department funding. Final approval letters will be distributed to districts when the budget is certain.

State Funding:

TAG -- As reported last month, the outlook for state technology funding is bleak and uncertain. The bill passed by the General Assembly did not include any funding for the "new technology" fund that supports TAG grants. The Governor vetoed the bill in late May. Legislators are returning to the Capitol this week for to deal with vetoed bills. There is no indication of a new bill that would appropriate technology funding.

TNP -- While the Governor also vetoed the Higher Education budget bill, we anticipate administering the FY04 TNP according to the application materials that were mailed last month. (Should the appropriation amount be reduced, however, TNP participation costs would be subject to change.) Forms are to be returned to MOREnet. Please call Eric Nicklas if you have any questions. Note that MOREnet offers additional services on a cost-recovery basis. The most popular is *kinetic* where MOREnet does the e-mail hosting and e-mail account management and which removes the trouble and expense of maintaining your own hardware and software.

Safe Schools -- Instructional Technology will help administer the FY04 Safe Schools grant program, which includes 75 continuation grants and 19 pilot (model program) grants. Applications are tentatively approved for July 1, contingent upon Department funding. Final approval letters will be distributed to districts when the budget is certain.

State Approval of District Technology Plans

The Department mailed out the last of the approval status letters in mid-May. Except for approximately 50 districts and charter schools, all districts have approved district technology plans. The goal remains to have plans for all entities approved by June 30.

Data Collection Efforts

Census of Technology:

Thanks to all who completed entry of their 2003 COT screens. Also, thanks to those who volunteered to serve on a task force that would be convened to develop the 2004 COT. The intent is to redevelop the COT to better align with No Child Left Behind requirements, the Missouri

Education Technology Strategic Plan, and the National Education Technology Plan that is under current development.

SETDA Toolkit:

The May *Newsline* issue talked about a suite of data collection tools being designed (by the State Educational Technology Directors Association) to help states and districts track technology integration efforts required under the No Child Left Behind Act. Previous efforts involved single, point-of-contact surveys. Recent efforts pertain to on-site observation tools. In late May, several districts in Wisconsin and Missouri participated in field-testing of on-site tools that included a principal interview, teacher focus group, student focus group, classroom observation, and student work (artifact) review. SETDA anticipates having these tools refined and available for review in late summer or early fall.

Ed Tech News and Resources

With reductions in funding and technology budgets, schools will have to find additional or other ways to support the use of education technology. The resources listed below should be of some assistance – in determining actual costs of using technology, comparing your district to other schools, identifying gaps in reaching national standards, learning how others are using technology and dealing with budget restraints, and the like.

- TCO Tool Helps Schools Calculate the Cost of Technology
The Consortium of School Networking (CoSN) is promoting a Web-based tool that calculates the "total cost of ownership" for districts and schools. The TOC Tool is designed to identify all costs associated with technology spending, as well as assist in assessing needs.
<http://www.classroomtco.org>
- Technology Evaluation Sourcebook
"Assessing the Impact of Technology in Teaching and Learning: A Sourcebook for Evaluators" provides an overview of measurement issues in seven areas, from learner outcomes to technology integration. A collection of appendices includes examples of measures used in a variety of funded technology projects. The Sourcebook, published in 2002 by the Institute for Social Research at the University of Michigan, was funded by the U.S. Department of Education. The book and appendices are available for free in PDF format. Although the materials are free for individual use, they are copyrighted documents and cannot be distributed for profit without violating copyright law.
<http://www.dlrn.org/star/sourcebook.html>
- Online Safety Toolkit
CoSN has also released "Promoting Online Safety: The Home-School Partnership" toolkit, a collection of resources to help guide school officials when they talk to parents and community members about protecting children online at home and at school. An outgrowth of the Safeguarding the Wired Schoolhouse initiative launched three years ago, the toolkit provides valuable resources to help schools communicate more effectively with parents and the community about online safety. <http://www.safewiredschools.org/toolkit>.
- National Education Technology Plan
The U.S. Department of Education (USDOE) is crafting a new National Education Technology Plan to serve as a tool for education leaders to set a strategic direction to meet the demands of life and work in a future that will continue to change as a result of technology. USDOE is actively seeking advice from a variety of constituencies in education, especially students, parents, K-12 educators, colleges and university leaders, and business and industry. Individuals and organizations are being asked to identify and communicate to the Department their top issues, priorities, concerns, and barriers that need to be addressed for technology to improve teaching and learning in the 21st century.
<http://www.NationalEdTechPlan.org> (click on the "Participate in the Plan" to provide

feedback)

- Technology Counts 2003 – Pencils Down: Technology's Answer to Testing
School districts and states are increasingly turning to computer-based testing to meet new demands, raising a host of new questions about assessment, according to EDUCATION WEEK's sixth annual report on school technology. The report, released May 8, 2003, includes in-depth articles on issues surrounding online assessment, state profiles, and state-by-state data on school computer use. <http://www.edweek.org>
 - Public School Data
The National Center for Education Statistics is a national statistical database of information concerning all public elementary and secondary schools (approximately 95,000) and school districts (approximately 17,000). The Public School and District locators allow users to retrieve information on public schools and districts. Data include address information and basic information on students, staff, finance and 2000 Census data. The "Build a Table" tool enables users to create customized tables of public school data for states, counties, districts and schools using data from multiple years.
<http://nces.ed.gov/ccd/>
- "Young Children's Access to Computers in the Home and at School in 1999 and 2000" is a recent NCES report. <http://nces.ed.gov/pubs2003/2003036.pdf>
- Seven Tips For Improving Instructional Skills
Teachers' content knowledge and instructional skills play a critical role in improving student academic achievement. This presentation created by Walt Jacobs focuses on seven ways to improve instructional skills: (1) Help students combat fear of academic failure; (2) Determine grades based upon achievement not behavior; (3) Ask questions dealing with "how," "why" and "what if;" (4) Don't feel compelled to cover all the specific topics in the textbook; (5) Use state and local standards to promote what your students need to know and be able to do in a "global community;" (6) Build on what your students know; respect diversity of opinions; (7) Especially in language arts, emphasize reading as a "literary experience".
<http://www.helpforschool.com/> (Click on "Improving Instructional Skills")

MOREnet K-12 Technology Network Program (K-12 TNP) for 2003-2004

--Submitted by Eric Nicklas, Program Manager, K-12 Technology Network Program, MOREnet

Each year, MOREnet requires each participating school district to submit a participation form and an E-rate form 479. Both forms were included in the K-12 Technology Network Program (K-12 TNP) information packets mailed to district superintendents in early May. The due date for these forms was May 31, 2003. Districts that have not submitted these forms should do so as soon as possible.

The 2002-2003 contract year for K-12 TNP ends June 30, 2003, and without notification from school districts to continue their participation, districts risk a possible disruption to their current MOREnet services.

The 2003-2004 K-12 TNP information and associated forms are available on MOREnet's website at <http://www.more.net/programs/k12tnp/>.

Please direct questions about the 2003-2004 K-12 TNP to Eric Nicklas, Program Manager, eric@more.net or (800) 509-6673.

MOREnet's Participation in the E-rate Program

MOREnet continues to participate in the E-rate program by receiving discounts on the data connections and Internet access provided to school districts by MOREnet's K-12 TNP. Any benefits received through MOREnet's participation in the E-rate program will be allocated to the 2003-2004 K-12 TNP in accordance with priorities established by The Department of Elementary and Secondary Education (DESE).



Lewis and Clark Digital Resources Available from MOREnet's Website

--Submitted by MOREnet Communications

For more information, contact info@more.net or call (573) 884-7200.

While many states are gearing up for events from 2003 through 2006, celebrating the Corps of Discovery holds special meaning for Missouri as the state from whence Lewis and Clark departed in 1804 and returned in 1806. MOREnet's goal is to facilitate the creation of high-quality digital resources for Lewis and Clark materials for classroom use. MOREnet is working with the eMINTS program, Missouri Department of Elementary and Secondary Education, Missouri State Archives, University of Missouri-Columbia's College of Education, University of Missouri-Columbia's Department of Geography, Missouri Historical Society, and others to make Lewis and Clark resources, unique to Missouri, available digitally through the MOREnet network. A compilation of Lewis and Clark resources is now available from MOREnet's website. Additional resources will be added as they become available. Visit <http://www.more.net/programs/internet2/projects/>.

In the spring of 2002, MOREnet was asked to take a leadership role in the development of the Internet2 (I2) K20 Initiative. The mission of the I2 K20 Initiative is to enable the development and use of Internet applications, tools, and content to enhance teaching and learning and in other ways further the mission of elementary, secondary, and postsecondary education in the United States. These partnerships and resources represent some of the results of the I2 K20 Initiative in action.

The Missouri Research and Education Network (MOREnet) provides Internet connectivity, access to I2, technical support, video conferencing services and training to Missouri's K-12 schools, colleges and universities, public libraries, health care, state government, and other affiliates.

Lewis & Clark digital resources

<http://www.more.net/programs/internet2/projects/>

MOREnet

<http://www.more.net>

eMINTS

<http://emints.more.net>

Missouri Department of Elementary and Secondary Education

<http://dese.mo.gov>

Missouri State Archives

<http://www.sos.state.mo.us/archives>

University of Missouri-Columbia's College of Education

<http://tiger.coe.missouri.edu>

University of Missouri-Columbia's Department of Geography

<http://www.geog.missouri.edu>

Missouri Historical Society

<http://www.mohistory.org>

Internet2 K20 Initiative

<http://k20.internet2.edu>



Summer Tech Training at Holden

--Submitted by Julie Brunner, Director of Technology, Holden R-III School District

jbrunner@holden.k12.mo.us

Holden R-III is offering summer technology classes for classroom teachers and administrators again this summer. This is a great way to network with your peers from the region and learn some new techniques without the stress of getting a substitute teacher. We'll be using the wireless lab and a variety of software and equipment you might find interesting. There is a participation fee of \$120 for each class. Hopefully this will be a cool, convenient, fun, and helpful summer experience that will be worth your precious time. Graduate credit is available for a reduced fee through CMSU.

There are two different classes from which to choose. The Technology Integration class is two full days, July 1 and 2 (8:30 am – 5:00 pm) with a lunch break each day. That class will focus on technology integration using the ISTE book "Connecting Curriculum and Technology." We are working toward meeting the standards adopted by ISTE. The second class, tentatively set for August 12 and 13, is "Technology Applications for Teachers." It is an introductory course, perfect for beginning teachers or staff new to technology. There are only four slots available in that class.

If you want to attend the class without the college credit, that is fine. Send me an email and let me know. Support staff are welcome to attend. You may pay the fees out of next year's budget.

If you would like to set up a special class at your school, let me know and we can work out the arrangements for your group.

For more information contact Julie Brunner at jbrunner@holden.k12.mo.us or call 816-732-6784.

Holden is located in the west-central section of the state, between Warrensburg and Lee's Summit.

Free Seminar With Christopher Moersch

--Submitted by Martha Bogart, Coordinator, Distance Learning, Cooperating School District

LoTi 2003 Forum

<http://lotilounge.com/LoTi2003/>

Dr. Christopher Moersch, Director of the National Business Education Alliance, in cooperation with Cooperating School District, will be facilitating a LoTi (Level of Technology Implementation) 2003 Forum on Friday, June 13th from 9:00 am to 11:30 am at the Cooperating School District facility at 1460 Craig Rd. St. Louis MO. There is no charge for this program.

The LoTi 2003 Forum includes three strands: Accountability, Professional Development, and Research. At the morning session, Dr. Moersch will summarize current research documenting instructional technology's impact on student achievement, share innovative and proven professional development interventions, critique model technology implementation projects, and outline an on-going assessment process tied to No Child Left Behind.

You will also receive an update on the eight year LoTi Project, the nationally-validated LoTi Framework and its alignment to the NETS and TSSA's, and how school systems nationally, as well as in Missouri, are using a systems-based approach at the school building level to elevate technology use in the classroom and pique student performance. Funding for this orientation session is provided by the Alliance.

Each participant will receive a complimentary LoTi 2003 CD that encapsulates all of the sessions that were presented at the recent LoTi 2003 Conference in San Diego, California. The CD contains video clips, PowerPoint presentations, and PDF files documenting how school systems across the nation are elevating technology implementation in the classroom tied to critical content and student achievement.

To register for this free Orientation Forum, please access the LoTi 2003 Forum link above or contact the National Business Education Alliance directly at 541-535-3017.

Missouri Distance Learning Conference (MODLA)

--Submitted by Dee Wiecher, Technology Facilitator, Kirkwood School District R-7
<http://www.modla.org/>

The Missouri Distance Learning Association (MODLA) Conference is in July 2003. This is not just a videoconferencing conference. It is a conference about distance learning, which includes videoconferencing and other aspects of distance learning. The particulars are:

Where: Sheraton Westport Hotel, Lakeside Chalet, St. Louis, MO
When: July 17-28, 2003
Cost: \$150 (member) or \$195 (non-member) for two days including lunch
Special single-day rates available

Keynoters: Debbie Silver and Marci Powell

Twenty-four breakout sessions on the topics of teaching and learning, classrooms of the future, community networking, e-learning issues, and videoconferencing. You will be able to experience videoconferencing with centers from across the nation.

Let me know if you want the PDF of the conference brochure. You can receive more information from dwhite@csd.org or on the website.

Missouri Educational Technology Conference -- October 19-21, 2003

--Submitted by Eric Nicklas, Program Manager, K-12 Technology Network Program, MOREnet

"Teacher-Driven Technology" is the theme for the 2003 Missouri Educational Technology Conference sponsored by Missouri's Department of Elementary and Secondary Education (DESE) and Missouri Research and Education Network (MOREnet). The Missouri Educational Technology Conference provides information on current technologies, solutions, and future directions for educators, administrators, and technology specialists. Join more than 1,000 participants for over 100 presentations, workshops, and hands-on demonstrations of tried and true and new technology and techniques in the fields of education and educational technology. Visit more than 100 exhibits of the latest equipment and materials, all on display at Tan-Tar-A in Osage Beach, Missouri.

For complete details visit the conference website:
<http://www.more.net/services/conferences/fall2003/>.

Vendors to the educational technology community are invited to apply for booth space to exhibit their products and services. The application deadline is October 3, 2003.

Online registration for "Teacher-Driven Technology" will be available August 25 – October 3 from the conference website.

Summer Tech Tasks

Taking care of some basic housekeeping tasks over the summer months helps safeguard and prolong the life of expensive equipment. It also helps to ensure that all technology tools perform efficiently for students and staff in the fall.

Depending on the resources and policies a district has in place, responsibility for summer computer maintenance and servicing may be centralized in a single department (or even a single person), with staff from that department taking care of everything for the entire district. Some jobs may be distributed among teachers, support staff, and other users.

Summer Checklist

The following checklist assembles recommendations from several sources, including technology coordinators, teachers, network administrators, and computer service personnel. This suggested list of things to do can be used by individual teachers, students, or staff, or as a resource for technology coordinators responsible for many workstations.

- Unplug computers and peripherals from electrical power sources.
- Unplug the network patch cables to protect machines from lightening strikes and power surges.
- Clean computers, screens, keyboards, and mice.
- Cover computers to protect from dust. Plastic bags or covers can be used but old bed sheets or some kind of cloth cover is preferred since plastic tends to trap moisture, which may cause damage.
- Remove printer cartridges from printers and place in airtight containers.
- If you expect the room to be cleaned over the summer and the computers moved, remove all connections from the wall. Coil neatly and label cords and cables so you know where each one goes in the fall.
- Keep all parts together—CPU, mouse, network patch cable, etc.
- Cleanout email boxes, remove unwanted outdated bookmarks from Web browsers, and delete unwanted files and applications. Also, empty the trash or recycling bin on the desktop.
- To free up hard disk space, transfer to floppies, CD's or zips files that should be retained even though they may be old or used infrequently.
- Set up a good filing system for files that remain on the hard drive after unneeded items have been discarded.
- Back up on floppies, CD's, or zips lesson plan folders or other important documents and take them home. This is a security measure. After pruning and tidying the hard drive, the remaining files contain records and resources that might be hard to replace. Over the summer, if a significant misfortune, such as a fire or flood, befalls the room housing the computer, carefully made floppy backups are not going to be much help to the user if they were left stacked on the disk beside the computer.
- Defragment the computer's hard drive to improve speed and performance (gather items that belong together and put them together on the disk). Fragmentation can occur naturally over time when files are deleted, modified, or added frequently and can also occur when you install new programs.
- Run Scan Disk on the hard drive. Scan Disk is a windows utility that checks the surface of the hard drive for errors and repairs some of them.

A Tech Coordinator's Summer "To Do" List

1. Troubleshooting and repair that didn't get finished during the school year.
2. Clean up files. Remove old files and material for all the programs on both the computers and the servers.
3. Get files on server set up for new school year. Move student files to new classes, add new students, etc..
4. Physically clean machines. Clean mice, clean monitors, clean keyboards, etc.
5. LAN upgrades as needed and funded.

6.

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Missouri Schools and Programs in the News

Parkway School District

Congratulations to Peggy Wald, an eMINTS teacher, in the Parkway School District for being named Teacher of the Year in her district.

Willard School District

Congratulations to Chip Gann for being named Teacher of the Year in the Willard School District where he is an eMINTS teacher.

eMINTS

Alice Johnson recently submitted "The Penny" WebQuest to SuccessLink and had it published. Congratulations, Alice!



Copyright Question of the Month

Q. May an educator (e.g. administrator, classroom teacher, substitute teacher, or student teacher) other district employee, volunteer, or others download an article from a database and make a copy for each student in the class?

A. A copy for each student may be made and used one time if it includes the copyright notice.

Note: If the educator wishes to use the article a second time, permission must be obtained from the copyright owner.



Mark Your Calendar

June 1	Newsline published
12	MO Rural Opportunities Council Telecommunications/Education Committee Meeting (1:15-3:30 pm) Governor Office Building, Room 316, Jefferson City, MO
25	Newsline articles due
July 1	Newsline published
4	Independence Day—State Holiday
10	MO Rural Opportunities Council Telecommunications/Education Committee Meeting (1:15-3:30 pm) Governor Office Building, Room 316, Jefferson City, MO
25	Newsline articles due



Upcoming 2003 Conferences

June 25-29	National Technology Student Association Conference
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	Orlando, Florida www.tsaweb.org/conferences_programs/nat_conf.html
June 26-27	SuccessLink Handheld Computer Conference Tan-Tar-A, Osage Beach, MO http://www.successlink.org
June 30-July 2	NECC 2003—Visions and Reflections Seattle, WA http://www.neccsite.org
July 17-18	Distance Learning Education: Is it the Classroom of the Future? (MoDLA Third Annual Conference) Sheraton Westport Hotel Westport Plaza, St. Louis, MO www.modla.org
July 21-25	Institute for Multi-Sensory Education Orton-Gillingham Summer Training Holiday Inn Select, St. Louis, MO IMSE@Orton-Gillingham.com
July 23-25	McREL Rural Technology Institute Rapid City, South Dakota www.mcrel.org/rti
August 3-5	Cooperative Conference for School Administrators Missouri Department of Elementary and Secondary Education Tan-Tar-A, Osage Beach, MO
August 13-15	19 th Annual Conference on Distance Teaching and Learning Madison, Wisconsin www.uwex.edu/disted/conference
October 19-21	Missouri Educational Technology Conference 2003: Teacher-Driven Technology Missouri Department of Elementary & Secondary Education Missouri Research and Education Network Tan-Tar-A, Osage Beach, MO http://www.more.net/services/conferences/fall2003/

From the Mailbag

Leadership Academy Developer

The latest issue of LA Developer is now available on our Web site at

http://www.dese.state.mo.us/divteachqul/leadership/developer/2003/Spring_2003.pdf.

This edition focuses on heroes in professional development and helpful legislative information.

We hope you have had an excellent school year. Please watch our Web site over the summer for upcoming workshops as you plan for future professional development opportunities.

NASA Education Resource Center Summer Workshops

What are you doing this summer? Join us for four, fun, fast paced, FREE workshops. They are painless, non-fattening, and habit forming! You will want to come back again. Sign up soon so you aren't disappointed! (Lots of free educational products.)

- July 14, 2003, 8:30 - 1:30, Mission Geography

Using NASA's unique perspective of the world you'll explore our planet from above, look at why Earth is called the water planet, where humans live on Earth, why paths are where they are, the similarity between Mars and Earth, volcanoes, about food and people and environment, and more! Topological mapping and remote sensing will be explored. An exciting CD will be supplied. Register by July 3, 2003.

- July 21, 2003, 8:30-1:30, Space and Earth Weather

How does the Sun affect Earth's weather? Do all of our planets have weather? Learn about clouds, weather phenomena, and weather measurement and observation. Not your usual look at weather! CD, posters and more will be supplied. Register by July 11, 2003.

- July 28, 2003, 8:30 1:30, Introducing 'The Why? Files

This workshop centers around real-world problems being solved using math, science and technology. A ten-video set of The Why? Files will be yours to use in your elementary through eighth grade classrooms. Many hands-on activities will be used. Register by July 18, 2003.

- August 4, 2003 Biology with NASA and NASA CD Workshop

Down in the ocean, on land, in the air, and out in space...biology is a wonder to behold. This workshop is a fast paced, hands-on, end of the summer salute to several NASA teaching resources. Various CDs will also be investigated. Sign up soon! Register by July 25, 2003.

NEW VIDEOS FROM NASA (two titles on one tape for \$2.50 plus postage)

- Title: Living in Space: Really Heavy Pants: A Collection of Short Videos

About Spacesuits and Working in Space 35.10 minutes. Item Number: 006.3-20V These seven short videos are part of NASA engineer Phil West's presentation "It's Hard to Dance in a Spacesuit," a fun look at the suits and tools astronauts use in space. They can be used individually or in a group and are provided on one tape by popular demand.

- Title: Destination Tomorrow: Program 9 14.9 minutes. Item Number: 099.35-09V

NASA's Destination Tomorrow: Program nine is designed for educators, parents, and lifelong learners by NASA Langley's Office of Education. This educational, informative program builds on the premise that much of NASA's aeronautical research focuses on creating today's knowledge to solve tomorrow's problems. This program consists of five exciting segments. In the "Behind the Scenes" segment, viewers will learn about the HELIOS experimental airplane; in the "Tech Watch" segment, viewers will learn about a new breast cancer detection device developed by NASA which will help save lives; in the "Retrospective" segment, viewers will learn about Project Gemini; viewers will see how NASA is making flying quieter in the "On the Runway" segment; and viewers find out how spacesuits work in the "How it Works" segment.

- Title: Science in Space: Fundamentals Biology on STS-107 82 minutes

Item Number: 003.1-12V The last half-century of human inquiry into the basics of life, materials, and energy has yielded an astonishing range of answers and capabilities. It also has yielded new questions that require more sophisticated investigations to understand and apply the subtle, elegant workings of the inner universe. Many investigations have been stymied by inescapable effects of Earth's gravity. But the last half-century also saw scientists start using the microgravity of orbit to turn those effects off and thus unmask basic phenomena that play key roles in biology, physics, and chemistry on Earth as well as space. STS-107 is a Shuttle mission dedicated to research investigating human physiology, fire suppression, and other areas of research relevant to people across the globe.

- Title: NASA Science Files: The Case of the Biological Biosphere 48.3 minutes

Item Number: 003.1-13V One of the treehouse detectives is about to take a trip to foreign shores and is both excited and concerned. This trip is a chance of a lifetime and he doesn't want to get sick and miss it. Come help the detectives learn about the human body as they discover that no man, not even a kid, is an island. The show deals with viruses, bacteria, cells, infectious disease, and its spread, quarantine, immunizations, body systems, the immune system, mucous, skin, vomit and the importance of rest, exercise and proper diet.

- Title: NASA CONNECT Special Edition: World Space Congress 2002 - The New Face of Space 45.26 minutes Item Number: 011.0-08V

The World Space Congress 2002 is the "meeting of the decade for space professionals." From the discovery of distant planets to medical advancements, from geological exploration to urban planning, from water on Mars to energy sources in developing nations, you'll find it all here. Students will also have an unprecedented look at how advances in space can and do improve life on Earth.

MarcoPolo Update

<http://www.marcopolo-education.org>

Welcome to Summer!

Now is the time for you to relax and enjoy your summer. I would like to help you also have a stress free 2003-2004 school year! Please take the time to post your Internet request early for great web sites dealing with Internet content you need to enrich topics you teach every year in your classroom. Also remember to search MarcoPolo for quality lesson plans and resources. The MarcoPolo Search Engine is located

at:http://www.marcopolosearch.org/mpsearch/basic_search.asp

The address to post listserv requests to is:

marcopolo-list@marcopoloinfo.com

[<mailto:marcopolo-list@marcopoloinfo.com>]

To subscribe to this list, go to http://www.marcopolo-education.org/teacher/mp_listserv.aspx

To unsubscribe to this list, go to http://www.marcopolo-education.org/teacher/mp_listserv_unsubscribe.aspx

MarcoPolo is a partnership between the MarcoPolo Education Foundation and eight renowned educational organizations: the American Association for the Advancement of Science, the International Reading Association, the John F. Kennedy Center for the Performing Arts, the National Council on Economic Education, the National Council of Teachers of English, the National Council of Teachers of Mathematics, the National Endowment for the Humanities, and the National Geographic Society.

Through its free, discipline-specific web sites, MarcoPolo provides high quality and easily accessible Internet Content for the Classroom to K-12 teachers across the country. The MarcoPolo Web Site (<http://www.marcopolo-education.org>) offers teachers a powerful search engine to search throughout all content web sites and other valuable resources for teachers to help them integrate the Internet into their classroom.

MarcoPolo also offers professional development training and materials on Internet integration. To learn how to apply to receive training, go to http://www.marcopolo-education.org/pd/pd_about.aspx.

Block Scheduling Resources

<http://tiger.chuh.cleveland-heights.k12.oh.us/Learning/Block/Contents.html>

Does your district use or recommend block scheduling? Here are some articles with the pros and cons of block scheduling as well as the experiences of schools across the country.

Publications for Parents

<http://www.ed.gov/pubs/parents/>

The U.S. Department of Education provides numerous resources for parents in many areas including family involvement in education, the Helping Your Child series, Internet Guides, Reading Involvement, and more.

Students and Teachers Cope with Misinformation on the Internet

<http://www.cleveland.com/business/plaindealer/index.ssf?/base/business/1047810803278910.xml>

Article from the Cleveland Business News concerning the evaluation of information found on the Internet.



Internet Sites of Interest

Summer Reading

No Child Left Behind Summer Reading Achievers Pilot Program

<http://www.ed.gov/inits/summerreading/index.html>

Choices Booklist

<http://www.reading.org/choices/>

Summer Reading Lists

http://www.education-world.com/a_curr/curr244.shtml

Reading is Fundamental (RIF) – Summer Reading Guide

<http://www.rif.org/summer/default.msp>

Flag Day—June 14

The United States Flag Page

<http://www.usflag.org>

The Betsy Ross Homepage

<http://www.ushistory.org/betsy>

Encyclopedia Smithsonian: Facts About the United States Flag

<http://www.si.edu/resource/faq/nmah/flag.html>

Flags of United States of America

<http://flagspot.net/flags/us.html>

Inspiration and Kidspiration

<http://www.uni.edu/profdev/conceptmap/50uses.html>

This site has 50 suggested uses for Inspiration and Kidspiration.

US Currency

Fed101: Federal Reserve System Economic Education

<http://www.kc.frb.org/fed101/>

\$20 Bill Gets a Facelift

<http://money.cnn.com/2003/05/13/news/economy/twenty/index.htm>

Historical American Currency Exhibit

<http://www.frbsf.org/currency/index.html>

Money Museum

<http://www.rich.frb.org/econed/museum/>

Federal Reserve Bank of Minneapolis: Money Curriculum Unit

<http://minneapolisfed.org/econed/curric/money.cfm>

American Museum of Natural History

<http://www.amnh.org/resources>

Free Resources for Learning from the American Museum of Natural History includes:

=hands on activities for all ages

=curriculum materials

- =interactive simulations
- =videos of scientists at work
- =photo galleries from the museum's collections
- =stories of expeditions around the world
- =recommended books and Web sites

Newest eThemes

World War I

<http://emints.more.net/ethemes/resources/S00001051.html>

These sites cover the events of World War I (1914-1918). Read eyewitness accounts and view photographs and maps. Other topics include the assassination of Austrian Archduke Ferdinand, trench warfare, Choctaw Code Talkers, President Woodrow Wilson, war propaganda, Treaty of Versailles, the Lusitania, and the Zimmerman telegram. Includes biographies, letters, images, posters, video, and audio clips.

Author Study: Eric Carle

<http://emints.more.net/ethemes/resources/S00001049.html>

This is a collection of sites about author and illustrator Eric Carle. Includes several biographies and interviews that discuss his personal and professional life. Learn about the different techniques Carle uses in his illustrations. There are suggested activities for exploring his books and artwork.

Updated eThemes

Performing Arts: Drama

<http://emints.more.net/ethemes/resources/S00000296.html>

These sites explore the theater and acting. There are several ideas for using plays and acting in the classroom. Learn about the history of the theater and common theater terminology. Includes warm-up activities and scripts to use in the classroom. An eThemes Resource on Readers Theater is linked.